

Noxious Weed Quarantine update



Noxious Weed Control Board

**Dana Coggon
Education Specialist**

Overview

- ◆ **Staff Changes**
- ◆ **New Office Location**
- ◆ **Crash Course ID**
 - **Quarantined Weeds**



New Staff



Executive Secretary:
Steve McGonigal
360-902-2053

Education Specialist:
Dana Coggon
360-902-2082

New Office Location

Mailing address:

PO Box 42560

Olympia, WA 98504-2560



Quarantined weeds

Getting a little help

◆ Recourses:

– Brochure

- Names

– Black Books

– Web site

- images and descriptions
- www.nwcb.wa.gov

**PLANTS AND
SEEDS WHOSE
SALES ARE
PROHIBITED
IN
WASHINGTON
STATE**

**A Summary of Current
Regulations on Sales of Noxious
Weeds and Other Invasive
Exotic Plants**

WAC 16-752-400 through 420
WAC 16-752-500 through 525
WAC 16-752-600 through 660



**Washington State
Department of Agriculture
Laboratory Services Division
2001**

Quarantined weeds

Changes in the last few years

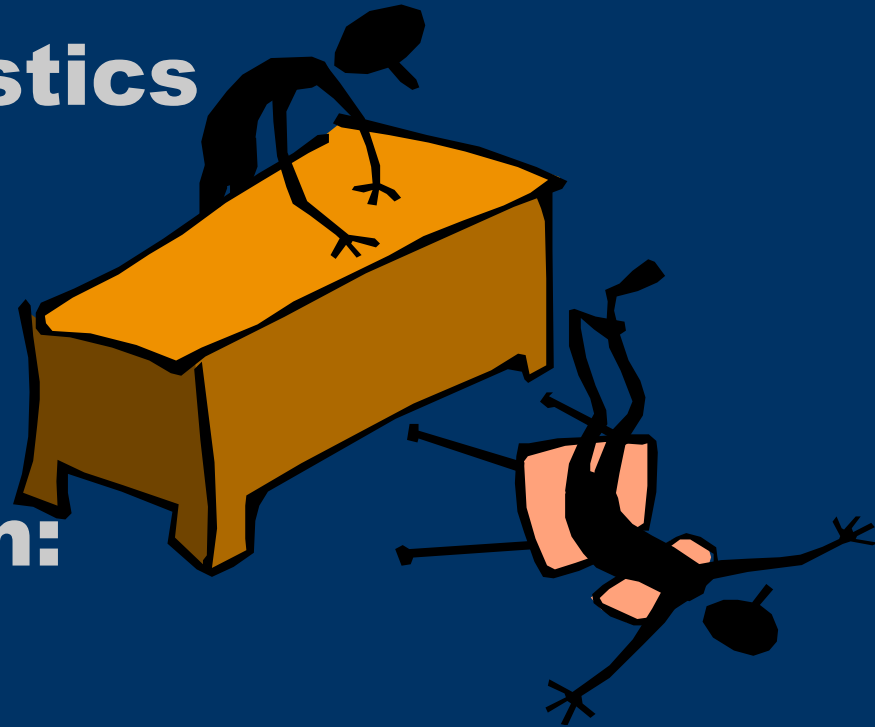
- ◆ **2000-2001**
- ◆ **Quarantine list doubled**
 - 24 terrestrial plants
 - 15 aquatic plants
- ◆ **2002**
 - Kudzu



Quarantined weeds

What do they look like??

- ◆ **Bring us up to speed**
- ◆ **General Characteristics**
 - Terrestrial weeds
 - Aquatic weeds
- ◆ **Images**
- ◆ **In-depth information:**
 - www.nwcb.wa.gov



Kudzu

(*Pueraria montana* var. *lobata*)

- ◆ **Perennial vine**
- ◆ **Flower**
 - **Purple**
 - **Long hanging clusters**
- ◆ **Leaves**
 - **Alternate and compound, with three broad leaflets**
 - **Hairy margins**



Velvet leaf (*Abutilon theophrasti*)

- ◆ **Summer annual reproduces by seed**
- ◆ **Flower**
 - solitary, yellow, 5 petals
 - Seed pod “cheese wheel”
- ◆ **Leaves**
 - Alternate, Heart-shaped
- ◆ **3 to 8 feet tall**
- ◆ **Plant is very pubescent**



Garlic mustard (*Alliaria petiolata*)

◆ **Cool-season biennial herb**

◆ **Flowers**

- White, 4 petals

◆ **Leaves**

- 1st year: rosette
- 2nd year: alternate, triangular, “toothed”



Italian thistle

(*Carduus pycnocephalus*)

- ◆ **Winter annual**
- ◆ **Flowers**
 - 5 pinkish,
 - Cylindrical heads
 - Borne in terminal clusters
- ◆ **Leaves**
 - Oblanceolate to lanceolate



Italian Thistle 8/89
CDFA/IPC- R.M. Breckenridge



Italian thistle

(*Carduus pycnocephalus*)



- 6 feet tall
- Spiny-winged stems covered with cobwebby hairs



Slenderflower thistle (*Carduus tenuiflorus*)

- ◆ **Winter annual**
- ◆ **Flowers**
 - 5-15 pinkish,
 - cylindrical heads
- ◆ **Leaves**
 - oblanceolate to lanceolate
 - pinnately divided with a terminal spine



Slenderflower thistle (*Carduus tenuiflorus*)

- ◆ **6 feet tall**
- ◆ **Spiny-winged stems**
 - ***triangular shaped**
 - **tipped with a spine**



Common crupina (*Crupina vulgaris*)

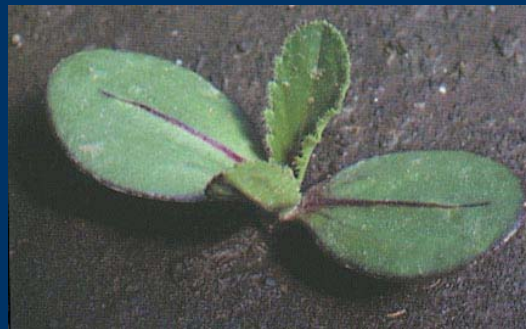
◆ **Winter annual (over winters as a rosette)**

◆ **Flower**

- pink to purple flowers
- 1 to 5 flowerheads
- Branched

◆ **Leaves**

- alternate,
- finely divided into
lace-like leaflets



Eggleaf spurge

(*Euphorbia oblongata*)

- ◆ **Perennial herb**
- ◆ **Flowers**
 - **Cup like cluster of modified leaves**
- ◆ **Leaves**
 - **Alternate, Oblong**
 - **Smooth and hairless**
 - **finely toothed**



Goatsrue (*Galega officinalis*)

◆ **Perennial herb**

◆ **Flower**

- Pea like
- Whitish to bluish to purplish
- Terminal or axillary racemes

◆ **Leaves**

- Alternate
- Odd-pinnate
- 6-10 pairs of leaflets



Texas blueweed (*Helianthus ciliaris*)

◆ **Rhizomatous Perennial**

◆ **Flower**

- Ray flowers yellow to orange



◆ **Leaves**

- Lance-shaped or narrow linear
- attached directly to the stem, without stalks

◆ **Bluish or grayish green foliage**



Yellow devil hawkweed ***(Hieracium floribundum)***

◆ **Perennial herb**

◆ **Flowers**

- **Yellow, composites**
- **Heads: flat-topped cluster**

◆ **Leaves**

- **Lance-shaped, basal, glaucous**
 - **with the widest part being near the tip.**
 - **The top of the leaf is smooth underside has bristly hairs**



Policeman's helmet **(*Impatiens glandulifera*)**

◆ **Herbaceous annual**

◆ **Flowers**

- color ranges from white to all shades of pink and purple
- irregular
 - 5 petals (2 fused)



Policeman's helmet **(*Impatiens glandulifera*)**

◆ **Leaves**

- oblong to ovate to elliptic
- opposite or whorled,
- usually 3 leaves to a node.
- margins are sharply serrate

◆ **3-10 feet tall**



Foto: Anna-Lena Anderberg

Meadow clary (*Salvia pratensis*)

◆ **Fibrous-rooted perennial**

◆ **Flowers**

- **Bilabiate, with the upper lip arched into a half circle.**
- **Typically violet-blue**

◆ **Leaves**

- **mostly basal**
- **egg-shape to oblong**



Clary sage

(*Salvia sclarea*)

◆ **Biennial or perennial herb**

◆ **Flowers**

– **Bilabiate;**

- **Upper corolla purple, lower whitish**

◆ **Leaves**

– **triangular to egg-shaped**

- ***extend up the stem**

◆ **The entire plant is hairy**



Silverleaf nightshade (*Solanum elaeagnifolium*)

◆ **Perennial herb**

◆ **Flower**

- blue-violet
- 5 fused petals
- With bright yellow stamens
- On stalks in clusters or singly



Silverleaf nightshade (*Solanum elaeagnifolium*)

◆ Leaves

- lance-shaped
- Wavy margins
- Covered with short, white hairs
 - give the plant a silvery-gray color.
- Yellow spines on the leaf ribs of the plant.



Buffalobur

(*Solanum rostratum*)

◆ **Annual**

◆ **Flowers**

- yellow
- 5 lobed, wheel-shaped

◆ **Leaves**

- Alternate, petiolate,
- (bi)pinnately lobed,
- Spiny



Buffalobur (*Solanum rostratum*)

- ◆ ***The entire plant, except the for the flower petals, is covered by spines**



Lawnweed

(*Solvia sessilis*)

- ◆ **Winter annual**
- ◆ **Flowers**
 - Small composite
 - Greenish-translucent disc flowers and lack rays
- ◆ **Leaves**
 - Pinnately divided
 - giving a feathery appearance



Johnsongrass (*Sorghum halepense*)

- ◆ **Perennial Grass**
- ◆ **Flowers(spikelets)**
 - In pairs at the lower end of the flowering stalk,
 - In threes at the upper end
- ◆ **Stems are solid with prominent, swollen nodes**
- ◆ **3-10 feet tall**



Spanish Broom

(*Spartium junceum* L.)

- ◆ **Perennial, evergreen shrub**
- ◆ **Flowers**
 - **Bright yellow**
 - **Pea-shaped**
 - **Growing in clusters at the branch ends**
 - ***Fragrant**
- ◆ **6-10 feet tall**



Spanish Broom

(*Spartium junceum* L.)

◆ Leaves

- linear to lanceolate
- Alternate
- Simple and *one-parted,
- Hairs present on the lower surface.

◆ *Round stems



Saltcedar

(*Tamarix ramosissima*)

◆ **Spreading shrubs or Small trees**

◆ **Flowers**

- Pale pink to white
- Perfect and regular
- Spike-like racemes

◆ **Leaves**

- Alternate, Scale-like
- Slender branches



Spurge Flax

(*Thymelaea passerina* (L.) Coss. & Germ.)



◆ **Herbaceous annual**

◆ **Flowers**

- **greenish and tubular**
 - **no petals, and eight stamens**

◆ **Leaves**

- **Alternate, Linear shaped, leathery**
- **Progressively smaller upward along the stems.**

Leafy spurge **(*Euphorbia esula*)**

- ◆ **Perennial**
- ◆ **Flower**
 - **inconspicuous**
 - **small green without petals**
 - **showy yellow bracts**



Leafy spurge **(*Euphorbia esula*)**

◆ **Leaves**

– Alternate

- **yellow-green, turn red with the first frost**
- **leaves located on the lower half of the stem are scale-like**
- **The upper portion are linear to oblong.**



◆ ***Plants exude milky “sap”**

Tansy ragwort (*Senecio jacobaea*)

◆ Biennial

◆ Flower

- Bright-yellow
 - 13 petals
- Many in clusters



◆ Leaves

- Deeply cut, blunt-toothed lobes
- Dark green on top, whitish-green bottom



Lagarosiphon

(*Lagarosiphon Major*)

◆ **Herbaceous perennial strictly aquatic,**

- **freshwaters, entirely submersed, spreading at surface reproduces from vegetative fragments**

◆ **Leaves**

- **Spirals along stem**
- **Curved backwards**



European frog-bit (*Hydrocharis morsus-ranae*)

◆ Aquatic herb (free-floating)

◆ Flowers

- Single, white
- Three petals

◆ Leaves

- Heart-shaped,
- Smooth, leathery
- Lower surface purplish-red



Fanwort

(*Cabomba caroliniana*)

◆ **Submerged perennial**

◆ **Flowers**

- small white, 6 petals

◆ **Leaves**

- narrow

- resemble a fan arranged on a narrow stem.

◆ ***Small lily-like leaves that float on the surface below the flowers**



Flowering rush (*Butomus umbelatus*)

- ◆ **Emergent monocot**
- ◆ **Flower**
 - Pink flowers
 - 3 pink sepals, 3 pink petals
 - Umbel
- ◆ **Leaves**
 - Tall, narrow, upright
 - Triangular in cross-section



Garden loosestrife

(*Lysimachia vulgaris*)

◆ Perennial

◆ Flowers

- Yellow, primrose-like
- Clustered near top of the plant

◆ Leaves

- Lance-shaped
- Opposite or whorled
- Dotted with black or orange glands



Grass-leaved arrowhead (*Sagittaria graminea*)

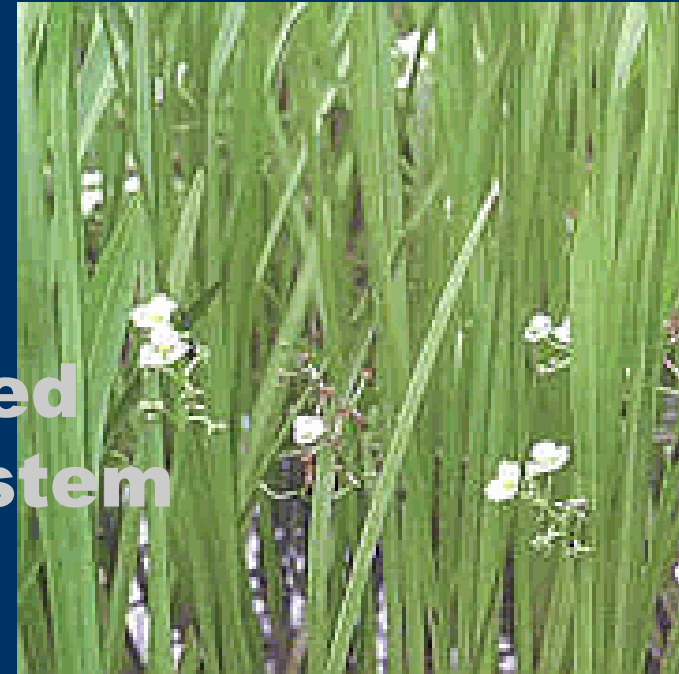
◆ Perennial

◆ Flower

- White or sometimes pink
- 2 to 12 groups of 3-flowered whorls at the end of the stem

◆ Leaves

- both emergent and underwater leaves
- emergent leaves are linear to ovate
 - tapering abruptly to a point



Hairy willow herb **(*Epilobium hirsutum*)**

◆ **Perennial**

◆ **Flowers**

- pink-crimson

◆ **Leaves**

- Oblong lanceolate, toothed
- Simple and glandular hairs



Marsh dewflower **(*Murdannia keisak*)**

◆ **Annual**

◆ **Flowers**

- Have 3 pink to lavender petals

◆ **Leaves**

- alternate, lance-shaped,
- have parallel veins
- Bases form a sheath wrapping around the stem



Slender-leaved naiad (*Najas minor*)

◆ Annual

◆ Flowers

- very small and produced singly in the leaf axis

◆ Leaves

- opposite, strap-shaped, about one inch in length
- prominent marginal teeth.



Swollen bladderwort **(*Utricularia inflata*)**



◆ **Submersed free-floating plant**

- **small bladders attached to stems that branch in a leaflike fashion.**

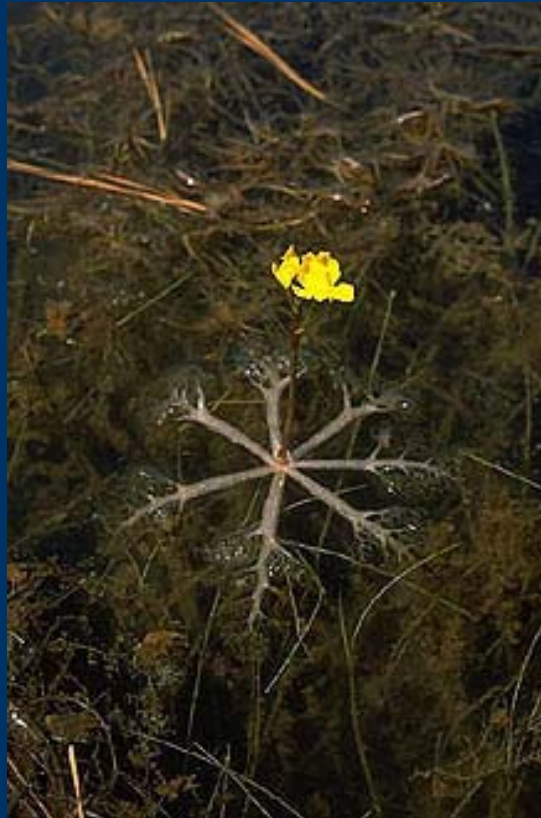
◆ **Flowers**

- **Yellow carried on tall stalks on a whorl of inflated branches**

◆ ***Carnivorous**

- **the bladders trap and digest tiny animals**

Swollen bladderwort (*Utricularia inflata*)



Water chestnut

(*Trapa natans*)

◆ **Annual**

◆ **Flower**

– spike, raceme, panicle
or solitary

◆ **Leaves**

– basal or cauline, alternate,
opposite, or whorled, generally
simple and toothed.



Water primrose (*Ludwigia hexapetala*)

- ◆ **Perennial herb**
- ◆ **Flowers**
 - Bright yellow
 - Normally with 5 petals.
- ◆ **Leaves**
 - Alternately-arranged, slightly hairy, willow-like.
- ◆ ***Dense tangled mat of vegetation**



Yellow floating heart (*Nymphoides peltata*)

◆ **Perennial**

◆ **Flower**

- bright yellow, 5-petaled
- Edges are distinctively fringed

◆ **Leaves**

- Heart-shaped to circular
- Margins are slightly wavy
- Often purplish underneath.



More Information



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